

EWTP(1)/EWTP(2)/EWTP(7)/EWTP(X)/EWTP(R)/EWTP(L) 0011

AMX013139

BOOK EXPLOITATION

UR/17

Author: Mikhail Iosifovich (Professor); Danilov Sarguy Konstantinovich
Editor: Korneyev, Aleksandr Il'ich (Docent)

... of transportation in the U.S.S.R. (Ekonomicheskaya geografiya
... Moscow, Izd-vo "Transport" 1971. 112 p. Errata slip
... printed. Textbook for higher learning institutions
... rail-road transportation

... commerce, transportation system, transportation status, economic sys-
... railway network, mineral industry, petroleum industry, metallurgic industry,
... chemical industry, agriculture

PURPOSE AND COVERAGE: The textbook develops basic regularities of the socialist
... industries and the role of transportation in their realization.
the process of formation of the transport system in the USSR with respect to
the distribution of productive forces is shown. Interregional exchange and basic
directions in goods traffic, as a whole, in connection with economical zoning of the
... The book presents problems of distribution of the industry, in-
... and traffic of basic industrial and agricultural goods, and
... goods for foreign trade. The geography of means of traffic and

L 44540-65

ACCESSION NR AM5013139

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economical and geographical characteristics of railroads in the complex of greater regions is shown. The textbook is intended for students of engineering and higher educational institutions of transportation as an aid to transport engineers and others engaged in independent study of its working and de-

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SUBMITTED: 15Dec64

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NO REF SOV: 000

OTHER: 000

ml
Card 5/5

KORNEYEV, A. M.

23326. Obortnyye sredstva promyshlennosti i uskoreniye ikh obrachivayemosti.
Legkaya Prom-St', 1949, No. 6, C.3-4.

SO: LETOPIS' NO. 31, 1949

KORNEYEV, A. M.

23327. Khozraschet-metod planovogo rukovodstva predpriyatiyem. Legkaya prom-St',
1949, No. 7, s.3-5

SO: LETOPIS' NO. 31, 1949

KORNEEV, A.M. [Korneyev, A.M.]

Capital assets in industries, and improvement of their utilization.
Leka promishl 2 no.1:8-10 '53.

KORNBYEV, A. M.

Production and consumption of textile products in the U.S.S.R. Vop.
ekon.no.7:43-58 J1 '56. (MLRA 9:9)
(Textile Industry)

KORNEYEV, A.M., doktor ekonom. nauk

Estimating prospective norms of textile consumption in the
U.S.S.R. Tekst. prom. 19 no.9:14-17 S '59. (MIRA 12:12)
(Textile fabrics)

FEYGIN, Ya.G., doktor ekon.nauk; VILENSKIY, M.A., kand.ekon.nauk;
OMAROVSKIY, A.G., kand.ekon.nauk; LIVSHITS, R.S., doktor ekon.nauk;
CHUGUNOV, B.I., kand.ekon.nauk; SHOKIN, N.A., kand.ekon.nauk;
IOFFE, Ya.A.; VARANKIN, V.V., kand.ekon.nauk; ROZENFEL'D, Sh.L.,
kand.ekon.nauk; KORNEYEV, A.M., doktor ekon.nauk; OPATSKIY, L.V.,
doktor ekon.nauk; VASIL'YEV, N.V., doktor ekon.nauk; RUDENKO, N.A.,
kand.ekon.nauk; BYSTROZOROV, A.S., kand.geogr.nauk; POPOVA, Ye.I.,
kand.ekon.nauk; KRUTIKOV, I.P., kand.geogr.nauk; BAKOVETSKAYA, V.S.,
red.izd-va; SHEVCHENKO, G.N., tekhn.red.

[Special features and factors in the distribution of branches of
the national economy of the U.S.S.R.] Osobennosti i faktory
razmeshcheniya otraslei narodnogo khoziaistva SSSR. Moskva, 1960.
692 p. (MIRA 14:3)

1. Akademiya nauk SSSR. Institut ekonomiki.
(Economic zoning)

KORNEYEV, A.M., doktor ekon. nauk; VILENSKIY, M.A., doktor ekon. nauk; SHOKIN, N.A., kand. ekon. nauk; LIVSHITS, R.S., doktor ekon. nauk; KOZLOV, Yu.K., kand. ekon. nauk; VARANKIN, V.V., kand. ekon. nauk; ROZENFEL'D, Sh.L., doktor ekon. nauk; OPATSKIY, L.V., doktor ekon. nauk; BAKOVETSKAYA, V.S., red.; GULYAYEVA, A.N., red.

[Industry in the administrative complex of the economic regions of the U.S.S.R.] Promyshlennost' v khoziaistvennom komplekse ekonomicheskikh raionov SSSR. Moskva, Nauka, 1964. 566 p. (MIRA 18:1)

1. Akademiya nauk SSSR. Institut ekonomiki.

AUTHORS: Tsydygov, Ch.Ts., and Korneyev, A.N. SOV/55-58-1-21/33

TITLE: Experimental Investigation of the Influence of Meteorological Circumstances to the Mean Level of a Signal With the Wave Band 1 cm on a Line of Mean Length (50 km) Near the Earth (Eksperimental'noye izucheniye vliyaniya meteorologicheskikh usloviy na sredniy uroven' signala santimetrovogo diapazona na prizemnoy trasse sredney protyashennosti (50 km))

PERIODICAL: Vestnik Moskovskogo universiteta, Seriya fiziko-matematicheskikh i yestestvennykh nauk, 1958, Nr 1, pp 163-169 (USSR)

ABSTRACT: The authors investigated experimentally:
1) Strengthening of the mean voltage level for a weak or moderate snow deposit.
2) Maximum of the voltage in daylight, minimum in the night.
3) Sinking of the mean amplitude level of the signal in the mist.
The authors thank docent A.A.Semenov for his assistance. There are 6 references, 2 of which are Soviet, and 4 English.

ASSOCIATION: Kafedra rasprostraneniya, islucheniya i kanalizatsii radiovoln (Chair of Propagation, Emission and Guiding of Radio Waves)

Card 1/2

KORNEYEV, A.N.

X7)

PHASE I BOOK EXPLOITATION NOV/30/50

Leningrad. Tsentral'naya aerologicheskaya observatoriya

Sektoryye voprosy fiziki oblakov (Some Problems in Cloud Physics) Moscow, Gidrometeoizdat (ed.) 1959. 94 p. (Series: Itz. Trudy, vyy. 30) 650 copies printed.

Sponsoring Agency: Glavnye upravleniye gidrometeorologicheskoy sluzhby.

M. (title page): A.N. Korovinova; M. (inside back): N.I. Serokina; Tech. Ed.: T. Zaitseva.

PURPOSE: This collection of articles is intended for meteorologists and geophysicists.

COVERAGE: This is a collection of seven articles on problems in cloud physics. All articles were written between 1955-1958 but their publication was withheld for technical reasons. Individual articles discuss the origin of the subfrontal section in warm front cloud systems, radar scattering by non-spherical particles, unipolar charges in aerosols and atmospheric electricity, and the conditions of ice crystal growth. A method for surveying clouds is described, and a compound for obtaining various elements discussed. References accompany individual articles.

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KORNEYEV A.P.

KORNEEV, A. P.

Tomatoes

Miraculous tomatoes; Sad i og. no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, Uncl.

KORNEYEV, A.P.

The southern most colony of beavers (*Caster fiber L.*) in the U.S.S.R.
Nauk.zap.Kiev.un. 9 no.6:155-159 '50. (MIRA 9:10)
(Beaver)

KORNEYEV, A.P.; MARISOVA, I.V.

New discovery of the free-tailed bat *Tadarida tenietis* Rafin in the
U.S.S.R. *Nauk.sop.Kiev.un.* 9 no.6:159-160 '50. (MLBA 9:10)
(Bats)

MARKEVICH, AP. P., AND KORNEYEV, A. P.

In Memory of [✓] Vladimir Mikhaylovich Artobolevskiy

V. M. Artobolevskiy (1874-1952) was a zoologist and zoogeographer, and director of the Zoological Museum of the Kiev State University. (RZhGeol, No. 4, 1955) Tr. biol.-pochev. fak. Kiyevsk. un-ta, No. 9, 1953, 213-217.

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

~~KORNYSHIN, O.P., detent.~~

Fossil fauna in alluvial sands of the Central Dnieper Valley (mammals).
Nauk.zap.Kiev.un.12 no.3:5-48 '53. (MIRA 9:10)
(Dnieper Valley--Mammals, Fossil)

MARKEVICH, A.P.; KORMYEV, A.P.

In memory of Vladimir Mikhailovich Artebelevskii. *Nauk.sop.Kiev.ua.*
12 no.7:213-217 '53. (MIRA 9:10)
(Artebelevskii, Vladimir Mikhailovich, 1874-1952)

KORNEYEV, A.P.

Riddle of the turtle graveyard. Priroda 42 no.11:112-113 N '53.

(MLRA 6:11)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko. (Turtles)

2199. KORNEYEV, A. P.

Melkiye Khishchniki--Druz'ya Sel'skogo Khozyaystva. Kiev, IZD-Vo
Kievskogo Un-Ta, 1954. 18s. s Ill. 22sm. 5.000 EKZ. 30k.- Na Urk Yaz.-
(54-56038) 632.963

KORNEYEV, A.P.

The racoon dog (*Nyctereutes procyonoides*) in the Ukraine. *Nauk.zap.*
Kiev.un.13 no.12:13-72 '54. (MLRA9:10)
(Ukraine--Racoon dog)

KORNEYEV, Aleksandr Perfir'yevich; KISTYAKOVSKIY, Aleksandr Bogdanovich;
~~NECHENKO, I.I., redaktor;~~ VOLKOVA, N.K., tekhnichnyy redaktor.

[Textbook of zoogeography] Posibnyk z zoogeografii. Kyiv, Derzh.
uchbovo--pedagog.vyd-vo "Radiants'ka shkola," 1956. 134 p. 50 illus.
(Zoogeography) (MLRA 10:4)

KORNEYEV, A.P.; RUDENCHIK, Yu.V.

New species of jerboa in the Uzbek S.S.R. Izv. AN Uz. SSR
3:100-101 '56. (MIRA 12:6)
(Uzbekistan--Jerboas)

Novikov, N. P.
RADCHUK, V.V., otvetstvennyy red.; VOINSTVENSKIY, M.A., red.; KISTYAKOVSKIY,
A.B., red.; KORNIYEV, A.P., red.; SOKUR, I.T., red.; PARKHOMENKO,
V.V., red.; ~~DOROVOL'SKIY~~, A.A., red.; GRIB, F.M., khudozhestvenno-
tekhn.red.

[Hunting in the Ukraine] Okhots na Ukraine. Izd. 2-oe. Kiev,
Gos. izd-vo sel'khoz. lit-ry USSR, 1957. 325 p. (MIRA 11:2)
(Ukraine--Hunting)

KISFYAKOVSKIY, Aleksandr Bogdanovich; KORNEYEV, A.P., dotsent, etv.red.;
YANKOVSKAYA, Z.B., red.; KHOKHANOVSKAYA, T.I., tekhred.

[Sexual selection and identifying specific characters in birds]
Polovoi otber i vidovye opoznavatel'nye priznaki i ptits. Kiev.
Izd-vo Kievskogo gos.univ., 1958. 197 p. (MIRA 12:8)
(Birds) (Sex (Biology))

KORNEYEV, Aleksandr Porfir'yevich [Korniev, O.P.]; YANKOVSKAYA, Z.B.,
[Iankovs'ka, Z.B.], red.; OKOPNA, O.D., tekhnred.

[The common hare in the Ukraine; ecology and ways of its efficient
utilization] Zaiets'-rusak na Ukraini; ekologiya ta shliakhy
ratsional'noho vykorystannia. Kyiv, Vyd-vo Kyivs'koho univ., 1960.
106 p. (MIRA 14:1)

(Ukraine--Hares)

ACC NR: AP7006683

SOURCE CODE: UR/0145/66/000/010/0154/0158

AUTHOR: Korneyev, B. F. (Engineer); Leshkovtseva, V. S. (Candidate of technical sciences); Moiseyev, D. T. (Engineer; deceased); Yasyrkina, N. I. (Engineer)

ORG: None

TITLE: Investigation of the effect of forging and heat treatment on the fatigue strength of welded joints made from OKh18N10 steel

SOURCE: IVUZ. Mashinostroyeniye, no. 10, 1966, 154-158

TOPIC TAGS: *FATIGUE STRENGTH,* steel forging, weld heat treatment, weld evaluation, sheet metal, heat expansion, pipeline, *STEEL / OKh18N10 STEEL*

ABSTRACT: OKh18N10 sheet steel 1.4 mm thick is studied to determine the effect of heat treatment and forging on the strength and durability of welded seams and on the durability of flexible elements made from this grade of steel. The chemical composition of the material is: C--0.056%; Cr--18.0%; Ni--10.0%; Mn--0.84%; Si--0.53%. Argon-arc welding was used with a permanent tungsten electrode 3 mm in diameter and OKh19N9 welding rod. The fatigue tests were done on a base of $5 \cdot 10^6$ cycles at a frequency of 1450 cycles per minute. Durability under severe bending deformation was tested at a frequency of 60 cycles per minute. It was found that aging of welded joints made from OKh18N10 steel at 600°C in the post-deformation state does not reduce the fatigue limit. However, welding reduces the fatigue limit of the given grade of

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UDC: 66.046

ACC NR: AP7006683

steel in the cold-worked state (33% elongation) by a factor of 1.5. Similar behavior is observed in durability tests at working deformations from 0.3 to 0.5%. The experimental results show that OKh18N10 steel and joints welded from this material have maximum cyclic strength indices in the post-deformation state without subsequent heat treatment. Welded joints may be forged or rolled to increase the durability of temperature-compensating pipeline connectors made from this grade of steel. The article was presented for publication by Doctor of technical sciences I. I. Sidorin, Professor at the Moscow Technical College im. N. E. Bauman. Orig. art. has: 2 figures, 1 table.

SUB CODE: 11, 13/ SUBM DATE: 21Mar66/ ORIG REF: 005

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L 17930-65 EMI(m)/EMP(w)/EMA(d)/EMP(r)/EMP(t)/EMP(k)/EMP(b) PF-L/Pad IJP(c)/
AFMDC/ASD(m)-3/ASD(f)-2/AFETR/AFTC(p) MJW/JD/HP/HM
ACCESSION N: AR4043232 S/0137/64/000/009/E009/E010

TITLE: Ref. za. Metallurziya, Abs. 9847

Author: V. A. Vasil'ev; V. M. Korolev; V. E. Korovin;

... properties and weldability of
... stainless steel type 304L
... konstruks. materialy ...

... nickel steel, stainless steel
... steel.

... TANIICHERMET has proposed using the 18-8 nickel
... as a substitute for 304L steel.
... as points of ...

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ACCESSION NR: AR4049232

(EP-53) steel should be used for fabrication of equipment designed to operate at temperatures up to 300°. OKh21N5T steels are stable against intercrystalline corrosion in their delivered condition, after reheating at 350-900°, and also after the thermal cycle of welding. This steel has satisfactory weldability but shows a tendency toward growth in grain size in the zone around the joint. Manual arc welding of OKh21N5T steel can be done with austenitic-ferrite electrodes (types 6L-2, TsT-15); automatic welding can be done with electrodes OKh21N5T, OKh21N5T, and OKh21N5T. OKh21N5T steel is welded with carbon steels with the use of electrodes OKh21N5T and OKh21N5T.

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2/2

~~KORNEYEV, B.M.~~, inzh.; UL'YAKHIN, P.M., inzh.; CHALENKO, N.Ye., inzh.;
YEFREMENKO, F.V., inzh.

Technological layouts and efficiency of scraper rock filling of
the mined-out area of longwalls in flat seams. Sbor. DonUGI
no.29:17-31 '63. (MIRA 16:10)

(Donets Basin--Mine filling)

GREYM, I.A., kandidat tekhnicheskikh nauk; NIKIFOROV, G.G.; KORNEYEV, B.N.

DD-2 differential range finder. Geod. 1 kart. no.4:24-31 Je '56.
(Range finding) (MLRA 9:10)

KORNEYEV, B.N., inzh.; UL'YAKHIN, P.M., inzh.; CHALENKO, N.Ye., inzh.;
YEFREMENKO, F.V., inzh.

Wide work mining. Sbor.DonUGI no.20:77-89 '61. (MIRA 15:6)
(Donets Basin--Coal mines and mining)

KORNEYEV, B.N., inzh.; UL'YAKHIN, P.M., inzh.; YEFREMENKO, F.V., inzh.;
CHALENKO, N.Ye., inzh.

Economic efficiency of wide work mining. Sbor. DonUGI no.20:
90-108 '61. (MIRA 15:6)
(Donets Basin--Coal mines and mining)

GOLOVNEVA, Mariya Alekseyevna; ATROSHENKO, Aleksey Petrovich;
KORNEYEV, D.M., kand. tekhn.nauk, retsenzent; RAKOSHITS,
G.S., inzh., retsenzent; GOLOVNEV, I.F., kand. tekhn.nauk,
red.; DENINA, I.A., red.izd-va; SHCHETININA, L.V., tekhn.
red.

[Equipment and technology of drop forging]Oborudovanie i
tekhnologiya goriachei shtampovki. Moskva, Mashgiz, 1962.
368 p. (MIRA 16:3)

(Forging)

~~Korneyev, D.M.~~

ZALESSKIY, V.I., professor; KORNEYEV, D.M., dotsent, kandidat tekhnicheskikh nauk.

Surface cracking during cycle heatings and coolings of steel. Sbor.
Inst.stali no.32:267-313 '54. (MLRA 10:5)

1.Kafedra kovki i shtampovki.
(Steel--Heat treatment)
(Metals, effect of temperature on)

S/122/60/000/004/009/014
A161/A130

AUTHORS: Zalesskiy, V.I., Professor; Korneyev, D.M.; Okhrimenko, Ya.M.; -
Docents; Laguntsov, I.N., Senior Scientific Worker

TITLE: 5XГГ (5KhGS) die steel

PERIODICAL: Vestnik mashinostroyeniya, no. 4, 1960, 50 - 54

TEXT: The subject low-alloy steel for hot dies has been developed at the Moskovskiy institut stali (Moscow Steel Institute) and is by now produced by several plants. The process is standardized by ТУ 3657-53 (ТУ3657-53) specifications of Ministerstvo metallurgicheskoy promyshlennosti (Ministry of Metallurgical Industry). The chemical composition (in %) is: 0.45-0.55 C; 1.6-2.0 Cr; 0.9-1.1 Mn; 1.2-1.4 Si; up to 0.04 S, up to 0.04 P. The point in development was to eliminate the crack networks forming from alternating heat stresses in hot dies. Steels were compared not by their mechanical characteristics alone (σ_s , σ_b , ψ , α_k) but also by the resistance to hot cracking. The method of heat effect tests was a novelty, and its authors V.I. Zalesskiy, D.M. Korneyev and Ya.M. Okhrimenko obtained Author's Certificate no. 75287, with priority from January 21, 1948. The new steel is modified chromansil. It is melted in a basic open-hearth

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5 XГC (5KhGS) die steel

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A161/A130

furnace. The following production process data are given: Forging in 1,150-850°C range; cooling in air; annealing in 850-870°C; quenching temperature 860-880°C, quenching in oil; tempering in 560-590°C. Hardness after tempering is HRC 38-42. The upper limit of quenching and tempering temperature relates to dies of larger dimensions (above 150 mm in diameter). The structure of this steel in the 860-880°C range is martensite. The variations of 5KhGS steel hardness with the diameter of specimens are illustrated in Figure 2. Its impact resistance at room temperature is lower than in the 5XHM (5KhNM), 5XHB (5KhNV) and 5XHT (5KhNT) die steels, but in high temperature it is equal with the other grades. In drop forging tests inserts of 5KhGS steel proved more durable than inserts of 5KhNV steel (in forging 14 parts out of 18 selected for test). The information includes test data tables and figures from an ENIIPP report of 1959 on practical application of 5KhGS steel. In the average, the durability of 5KhGS steel was 10% higher. It is recommended for use after shop tests at Moskovskiy zavod malolitrazhnykh avtomobiley, or MZMA (Moscow Low-Displacement Car Plant), 1 GPZ, GAZ and Chebarkul'skiy Plant. Its dies do not contain scarce component elements, and it is twice cheaper than 5KhNB and 30% cheaper than 5KhNT. There are 3 figures, 8 tables and 2 Soviet-bloc references.

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S/148/61/000/009/006/012
E193/E383

AUTHORS: Zalesskiy, V.I., Korneyev, D.M. and Okhrimenko, Ya.M.

TITLE: Chromium-silicon-manganese steel 5X3ГC (5Kh3GS) for hot-forging dies

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Chernaya metallurgiya no. 9, 1961, 104-113

TEXT: The object of the present investigation was to assess the suitability of the following three steels (composition, %):

	C	Mn	Si	Cr	S	P
5X3ГC (5Kh3GS)	0.48	0.96	1.27	3.08	≤0.04	≤0.045
5X4ГC (5Kh4GS)	0.46	1.06	1.27	4.27	≤0.04	≤0.045
6X3ГC (6Kh3GS)	0.65	0.98	1.19	3.24	≤0.04	≤0.045

as materials for hot-forging dies. The comparative study of these steels included testing their impact strength and resistance-to-spalling due to thermal shock, measuring hot hardness and thermal stability, and evaluating the tendency to distort during heat-treatment. The spalling resistance was studied on hardened and tempered cylindrical test pieces, 30 mm in diameter, 45 mm long. These were superficially heated
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Chromium-silicon-manganese steel ... S/148/61/000/009/006/012
E193/E383

(to a depth of 1-2 mm) to various temperatures with the aid of high-frequency induction surface-hardening equipment of the "Tocco" type and cooled rapidly by water from a sprayer incorporated in the inductor, this treatment being repeated many times. Although it was difficult to determine the onset of spalling, the formation of deep cracks was clearly indicated by an increase in the power consumption. The number of cycles, N , required to cause the formation of these deep cracks was taken as a comparative measure of spalling-resistance of a given material. The results are reproduced in Fig. 5, where each block represents N for the steel shown, histograms I and II relating to test temperatures of 700 and 600 °C, respectively. The steel 5Kh3GS was found to have the highest spalling-resistance and this result was confirmed by the results of tests in which the test pieces were repeatedly immersed for 30 seconds in a lead bath (to attain a surface temperature of 650 °C) and quenched in water to cool the surface to 60 °C. The first cracks in

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Chromium-silicon-manganese steel ... S/116/51/001/017/017
E195/E383

steel 7X3 (7Kh3) were observed after 300 cycles and in steel 5Kh3GS after 500 cycles. In the next series of experiments it was established that when hardened steel 5Kh3GS was tempered for 1.5 hours at temperatures ranging from 400 - 650 °C, the decrease in its hardness with rising tempering temperature was less pronounced (from 52 HRC after tempering at 450 °C to 34 HRC after tempering at 650 °C) than that in steel 5X4 (5KhN) or 5XT (5KhT). Hot-hardness tests were carried out by the Brinell method on hardened and tempered specimens and the results are reproduced in Table 4. Two series of impact tests were carried out. In the first, the test pieces of steel 5Kh3GS were hardened, tempered at various temperatures and cooled after tempering at various rates, after which their impact strength a_k was determined at room temperature. The results are reproduced in Fig. 5, where a_k (kgm/cm²) is plotted against the tempering temperature. Curves 1, 2 and 3 relating, respectively, to specimens which, after tempering, were oil-quenched, cooled in air, and furnace cooled.

Card 3/05

S/148/61/000/009/006/012
Chromium-silicon-manganese steel ..E193/E383

cooled. In the second series of tests a_k of hardened and tempered specimens was determined at various temperatures. The results are shown in Fig. 6, where a_k is plotted against the test temperature ($^{\circ}\text{C}$), the type of steel being indicated by each curve. The resistance of steel to distortion during hardening was studied on eccentrically-bored ring specimens split longitudinally on the thin side. These were hardened (quenched from 850°C), tempered for 1.5 hours at 550°C and cooled in air. After this treatment the initial 6 mm gap in split rings of steel 5Kh3GS, 5KhM (5KhNM) and 7Kh3 increased, respectively, by 0.08, 0.11 and 0.21 mm, respectively. The final tests were carried out under industrial conditions. Piercing punches, such as ^{are} used in the third stage forging of flanges on a horizontal 1 000-ton press, were prepared from the steels 5Kh4GS and 5Kh3GS. They were 416 mm long, with the working part 180 mm and 55 mm in diameter. Whereas the average working life of steel 7Kh3 punches used to be 820 forging operations, the average life of the experimental steels was 1 650. On the basis of the results of the present investigation,

Card 4/05

S/182/63/000/001/006/012
A004/A126

AUTHORS: Zalesskiy, V. I., Tsventarnyy, A. M., Korneyev, D. M., Zhukov, A. A.

TITLE: Developing and studying an installation for hydraulically removing scale from heated blanks

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 1, 1963, 21 - 24

TEXT: The authors point out that, to improve the surface finish of die-forged parts, the hydraulic method of removing scale from the heated blanks is the most advanced one, and is used, apart from plants in the USA, England, Poland and other countries, also by machine-building and metallurgical plants of the Soviet Union, e.g. "Zaporozhstal", "Krasnyy Oktyabr", "Serp i molot" and other plants. This method consists in pointing a thin high-pressure water jet of some 100 - 180 atm at the blank heated up to forging temperature. Under the effect of the kinetic energy of the water and, simultaneously, of local cooling, the scale bursts and can be removed from the surface without the blank itself being cooled down. The two types of jet-forming devices, viz. spray nozzles and jet rings, are mentioned and functioning and operation of the latter is described

Card 1/2

Developing and studying an installation for...

S/182/63/000/001/006/012
A004/A126

in detail. The authors comment on the mechanized installation for hydraulic scale removal that was developed at the Nevskiy mashinostroitel'nyy zavod (Nevskiy Machine-Building Plant) and give a brief description of the main units. There are 6 figures.

Card 2/2

ZALESSKIY, V.I.; TSVENTARNYY, A.M.; KORNEYEV, D.M.; ZHUKOV, A.A.

Developing and investigating equipment for the hydraulic removal
of scale from hot ingots. Kuz.-shtam. proizv. 5 no.1:21-24
Ja '63.

(Metal cleaning) (Steel ingots)

(MIRA 16:2)

ZALESSKIY, V.I.; TSVENTARNYY , A.M.; KORNEYEV, D.M.; ZHUKOV, A.A.

Scale removal by hydraulic methods. Izv. vys. ucheb. zav.;
chern. met. 6 no.3:135-140 '63. (MIRA 16:5)

1. Moskovskiy institut stali i splavov.
(Metals—Cleaning)

LEVI, L.I.; BADER, E.I.; KORNEYEV, D.M.

Temperature range of the appearance of brittleness in malleable
iron castings. Izv. vys. ucheb. zav.; chern. met. 7 no.9:
167-171 '64. (MIRA 17:6)

1. Moskovskiy institut stali i splavov.

KORNEYEV, D.M.; SMIRNOV, G.V.

Heat erosion resistance and deformation of 3 KhGS steel during various methods of cooling. Izv. vys. ucheb. zav.; chern. met. 8 no.5:124-128 '65. (MIRA 18:5)

1. Moskovskiy institut stali i splavov.

KORNEYEV, D.M.

Heat-erosion resistance of steels for forging dies. Izv. vys. ucheb.
zav.; chern. met. 8 no.5:162-167 '65. (MIRA 18:5)

1. Moskovskiy institut stali i splavov.

L 04417-67 EWT(1) IJP(c)

ACC NR: AP6034273

SOURCE CODE: UR/0386/66/004/007/0267/0270

AUTHOR: Lutskiy, V. N.; Korneyev, D. M.; Yelison, M. I.ORG: Institute of Radio Engineering and Electronics, Academy of Sciences ESSR (Insti-
tut radiotekhniki i elektroniki Akademii nauk SSSR)TITLE: Observation of quantum size effects in bismuth films by the method of tunnel
spectroscopySOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu.
Prilozheniye, v. 4, no. 7, 1966, 267-270TOPIC TAGS: bismuth, silver, tunnel effect, volt ampere characteristic, quantum
oscillation, electronic thin film

ABSTRACT: The authors report the results of an experimental investigation of tunnel systems containing size-quantized bismuth films, since theory predicts that the current-voltage characteristics of such a system should reveal a number of specific features that yield information on the structure of the carrier energy spectrum. The measurements were made on Bi (thin film) - dielectric - Bi (thick film), Bi (thin film) - dielectric - Ag, and Bi (thin film) - dielectric - Bi (thin film) systems (Fig. 1). Vacuum rather than a solid dielectric was used for the gap to eliminate parasitic effects. The tunnel system was placed in liquid nitrogen during the measurements. The bismuth films were obtained by evaporation on hot mica in vacuum. The investigated samples ranged from 800 to 1300 Å in thickness. The volt-ampere characteristics of

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ACC NR: AF6034273

the Bi-Ag system and of the Bi (thin film) - Bi (thick film) system show clearly the presence of the expected quantum oscillations. The non-monotonic character of the current variation is even more pronounced when the obtained characteristics are differentiated. The experimentally obtained values of the Fermi energy lie in the range between 0.02 and 0.027 eV, i.e., they are close to the known values of the Fermi energy in bulk bismuth. The distance between the singularities on the volt-

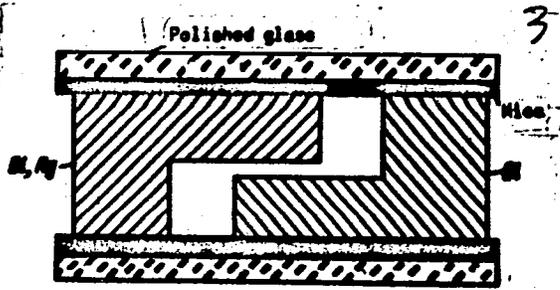


Fig. 1. Diagram of tunnel system

ampere characteristic yield an estimate of $\sim 0.012m_0$ for the component of the effective mass of the electrons in Bi corresponding to the direction of the trigonal axis. This is in good agreement with the known values obtained from measurements of the de Haas - van Alphen effect. The authors thank V. B. Sandomirskiy and Yu. F. Orgin for a discussion of the paper and V. A. Krupennikova for help with the experiments. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 09Jul66/ ORIG REF: 004/ OTH REF: 003

Cont 2/2

KORNEV, D. V.
ODYNETS, R.H.; KANYGINA, K.I.; YAKOVLEV, V.G.; FANTALIS, I.A.; KORNEV,
D.N.; [deceased]; MEN'NIKOV, P.I.; FEDOTOV, I.I.

Effect of iodinated casein on protein, calcium and phosphorus
metabolism in dairy cows. Trudy Inst. zool. i paraz. KirPAN
SSSR no.2:3-20 '54. (MLRA 10:6)
(Iodine) (Cows--Feeding and feeding stuffs) (Metabolism)

NIKITIN, A.A.; DOKSHIN, V.S.; KORNEYEV, F.I.; GODASS, V.O.

Treatment of titanium-zirconium sands of sea origin. TSvet.
met. 36 no.2:8-15 F '63. (MIRA 16:2)

(Ore dressing)

(Placer deposits)

KORNEYEV, G.A., inzh.

Graphic method of determining the optima dimensions of exhaust
muffler cells for low-frequency noises, Sudostroenie 29 no.9:
26-27 S '63. (MIRA 16:11)

KORNEYEV, G.K., kandidat tekhnicheskikh nauk; KRIMERMAN, M.N., inzhener,
redaktor; MATVEYEVA, Ye.N., tekhnicheskij redaktor.

[Study of the accelerating movements of elevators] Issledovanie
uskoreni dvizhenia kabiny lifta. Moskva, Gos. nauchno-tekhn. izd-
vo mashinostroit. i sudostroit. lit-ry, 1954. 68 p. (MLRA 7:8)
(Elevators)

KORNEYEV, GRIGORIY KUZ'MICH

BARAT, Iosif Yefimovich, kandidat tekhnicheskikh nauk; BARSHEV, Vladimir Nikolayevich, inzhener; BOGUSLAVSKIY, Vladimir Konstantinovich, kandidat tekhnicheskikh nauk; D'YACHKOV, Vladimir Konstantinovich, kandidat tekhnicheskikh nauk; KORNEYEV, Grigoriy Kuz'mich, kandidat tekhnicheskikh nauk; KUZNETSOV, Leonid Vasil'yevich, inzhener; MEKLER, Abram Grigor'yevich, kandidat tekhnicheskikh nauk; NIKOLAYEVSKIY, Georgiy Matveyevich, kandidat tekhnicheskikh nauk; NIKONOV, German Pavlovich, inzhener; OLEKHOVICH, Angelina Iosifovna, inzhener; SEGAL', Il'ya Samoylovich, kandidat tekhnicheskikh nauk; SPITSINA, Irina Osipovna, kandidat tekhnicheskikh nauk; GORA, V.Ye., inzhener, retsenzent; SPIVAKOVSKIY, A.O., professor, redaktor; BURMISTROV, P.I., kandidat tekhnicheskikh nauk, redaktor; MARTENS, S.L., inzhener, redaktor; MATVEYVA, Ye.N., tekhnicheskii redaktor; TIKHANOV, A.Ya., tekhnicheskii redaktor

[Present-day hoisting and conveying technology in foreign countries; a survey of the literature] Sovremennaya pod'emno-transportnaya tekhnika za rubezhom; obsor literatury. Pod red. A.O.Spivakovskogo i dr. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 306 p. (MLRA 10:6)

1. Chlen-korrespondent Akademii nauk SSSR (for Spivakovskii)
(Hoisting machinery)

~~KORNEYEV~~, Grigoriy Kus'mich, kand.tekhn.nauk; KOROTOV, Mikhail Grigor'yevich,
inzh.; NOTSKEIN, Iosif Savel'yevich, inzh.; ZHDANOV, Boris
Vladimirovich, inzh. [deceased]; BURAGO, M.Ya., inzh., retsenzent;
PROZOROV, B.I., inzh., red.; SIROFIN, A.I., inzh., red.isd-va;
MODEL', B.P., tekhn.red.

[Passenger and freight elevators] Lifty passazhirskie i gruzovye.
Moskva, Gos. nauchno-tekhn.isd-vo mashinostroit. lit-ry, 1958.
567 p. (MIRA 12:2)

(Elevators)

KORNEYEV, Grigoriy Koz'mich, kand. tekhn. nauk; PLAVINSKIY, V.I., kand. tekhn. nauk, nauchnyy red.; GORDEYEV, P.A., red. izd-va; VDOVENKO, Z.I., red. izd-va; GOL'BERG, T.M., tekhn. red.

[Installation of elevators in apartment houses, public buildings and industrial plants] Ustanovka liftov v zhilykh, obshchestvennykh i promyshlennykh zdaniyakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 110 p.

(MIRA 14:6)

(Elevators)

ACC NR: AP7005764

SOURCE CODE: UR/0126/67/023/001/0182/0183

AUTHOR: Korneyev, G. N.; Estrin, E. I.

ORG: Institute of Metal Physics (Institut metallofiziki); TsNIChERMET im. I. P. Bardin

TITLE: Effect of hot plastic deformation on the kinetics of isothermal transformation of austenite

SOURCE: Fizika metallov i metallovedeniye, v. 23, no. 1, 1967, 182-183

TOPIC TAGS: metal deformation, austenite transformation, phase composition, pearlite /
/ 41KhN55 steel, Kh8N2 alloy

ABSTRACT: The absence of nonmartensitic products of austenite transformation in the final structure of steel is a prerequisite for an effective thermomechanical treatment (TMT), including high-temperature thermomechanical treatment (HTTMT). In this connection, the effect of plastic deformation of austenite on the kinetics of austenite transformation in the pearlitic and bainitic regions is highly important to practical TMT and HTTMT. In view of the scarcity and contradictory nature of the available literature on this question, the authors investigated the effect of hot plastic deformation of austenite on the kinetics of pearlitic transform-

Card 1/2

UDC: 669.15:539.37

ACC NR: AP7005764

ation in 4x4x45 mm specimens of 4KhN5S steel (0.41% C, 1.15% Si, 0.55% Mn, 1.62% Cr, 5.02% Ni, 0.002% S and 0.004% P) and Kh8N2 alloy (8.5% Cr, 2.5% Ni) austenized at 900°C for 5 min and deformed 25-27% (in height) by single-pass rolling at 900°C in a laboratory rolling mill, after which they were immediately inserted in the microfurnace of the measuring device, and subjected to isothermal heating at 450-670°C. Findings: hot plastic deformation of the γ -phase leads to a marked acceleration of both pearlitic transformation in the steel and polymorphic $\gamma \rightarrow \alpha$ transformation in the alloy. The incubation period and transformation time markedly shrink following the deformation, while the temperature range of the transformation expands. This may in principle be associated both with the acceleration of the diffusion of alloy elements and carbon and with the acceleration of the period of lattice rearrangement. The latter factor plays a decisive role as demonstrated by the discovery of acceleration of polymorphic transformation in the alloy. These findings indicate that during practical employment of HTTMT an allowance must be made for the possible decrease in stability of austenite following hot plastic deformation. Orig. art. has: 3 figures.

SUB CODE: 13, 20, 11/ SUBM DATE: 31Mar66/ ORIG REF: 004

Card 2/2

KORNEYEV, G.V.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824710017

Investigation of the strength of steel elements subjected to nonregular variable loads. Sbor.trud.Inst.stroi.mekh.AN URSS no.18:134-142 '53.

(MLRA 9:8)

(Steel, Structural--Testing)

BONDAROVSKIY, Fedor Pavlovich; KORNEYEV, Georgiy Vasil'yevich; BORAVSKIY, N.N., dots., retsenzent; STAROSEL'SKIY, A.A., kand.tekhn.nauk, dots, red.; SEMENOV, A.N., kand.tekhn.nauk, dots., red.; ZALOGIN, N.S., red.izd-va; RUDENSKIY, Ya.V., tekhn.red.

[Machine parts and hoisting machinery] Detali mashin i pod'emno-transportnye mashiny. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 520 p. (MIRA 11:4)

1. Zaveduyushchiy kafedroy soprotivleniya materialov i detaley mashin Leningradskogo sel'skokhozyaystvennogo insituta (for Boravskiy)
(Hoisting machinery)

KORNEYEV, Georgiy Vasil'yevich; SEMENOV, A.N., kand. tekhn. nauk, retsen-
zent; FURER, P.Ia., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Conveyers and elevators for agricultural use; theory and principles
of designing] Transportery i elevatory sel'skokhoziaistvennogo naz-
nachenia; teoriia i osnovy proektirovaniia. Moskva, Gos.nauchno-
tekh. izd-vo mashinostroit. lit-ry Mashgis, 1961. 230 p.

(Conveying machinery)

(Grain elevators)

(MIRA 14:6)

BONDAROVSKIY, Fedor Pavlovich; KORNEYEV, Georgiy Vasil'yevich;
NIKIFOROVA, R.A., inzh., red.; GORNOSTAYFOL'SKAYA, M.S.,
tekhn. red.

[Machine parts and hoisting and conveying machinery]Detali
mashin i pod'emno-transportnye mashiny. Izd.2., perer. i
dop. Moskva, Mashgiz, 1962. 551 p. (MIRA 15:11)
(Machinery) (Hoisting machinery) (Conveying machinery)

KORNEYEV, Georgiy Vasil'yevich; SEDLETSKIY, I.D., inzh., retsentsent;
FILIPENKO, Yu. P., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.
red.

[Hoisting and conveying devices of agricultural repair workshops]
Pod'emno-transportnye ustroistva sel'skokhoziaistvennykh
remontnykh masterskikh. Moskva, Mashgiz, 1963. 95 p.

(MIRA 16:6)

(Hoisting machinery) (Conveying machinery)

Dissertation: "Observations on the Multipurpose Activity of the Cerebral Cortex in Children." Cand Med Sci, Inst of Higher Nervous Activity, Acad Sci USSR, 21 May 54. Vechernyaya Moskva, Moscow, 12 May 54.

SO: SUM 284, 26 Nov 1954

KORNEYEV, G.Ya.

Variations in the excitability of the cerebral cortex in children.
Trudy Inst. fiziol. 7:166-176 '58. (MIRA 12:3)

1. Laboratoriya vysshey nervnoy deyatel'nosti rebenka (sav. - N.I.
Krasnogorskiy) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(CEREBRAL CORTEX) (CHILD STUDY)

KORNEYEV, G. Ya.

Change in conditioned reflex activity in children with various functional states of the thyroid gland. Nauch. soob. Inst. fiziol. AN SSSR no.1:29-31 '59. (MIRA 1r:10)

1. Laboratoriya vysshey nervnoy deyatel'nosti rebenka, zaveduyushchiy - N.I.Krasnogorskiy i Laboratoriya vozrastnoy fiziologii i patologii cheloveka (zav. - V.G.Baranov) Instituta fiziologii imeni Pavlova AN SSSR.

(CONDITIONED RESPONSE)
(THYROID GLAND--DISEASES)

KORNEYEV, G. Ya.

Effect of bromine on conditioned and unconditioned reflexes in women during the period of aging. Zhur. vys. nerv. deiat. 12 no.2:217-222 '62. (MIRA 17:12)

1. Laboratoriya vozrastnoy fiziologii i patologii cheloveka Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

KORNEYEV, G.Ya.

Modification of the methodology for fractional division of the
17-ketosteroids of the urine. Lab. delo no.3:146-153 '65.

(MIRA 18:3)

1. Laboratoriya vozrastnoy fiziologii i patologii endokrinnoy
sistemy cheloveka (zaveduyushchiy - deystvitel'nyy chlen AMN SSSR
prof. V.G. Baranov) Instituta fiziologii im. I.P. Pavlova AN SSSR
i otdel endokrinologii (nauchnyy rukovoditel' - deystvitel'nyy
chlen AMN SSSR V.G. Baranov) Instituta akusherstva i ginekologii
AMN SSSR, Leningrad.

KORNEYEV, G.Ya.

Excretion of fractions of 17-ketosteroids with the urine during the postmenopausal period in women with and without a climacteric neurosis. Probl. endok. i germ. 11 no.1:39-46 Ja-F '65.

(MTRA 18:5)

1. Laboratoriya vozrastnoy fiziologii i patologii endokrinnoy sistemy cheloveka (zav. - prof. V.G. Baranov) Instituta fiziologii imeni Pavlova (dir. - akademik V.N. Chernigovskiy) AN SSSR i otdel endokrinologii (nauchnyy rukvoditel' - prof. V.G. Baranov) Instituta akusherstva i ginekologii (dir. - prof. M.A. Petrov-Maslakov) AMN SSSR, Leningrad.

SOV/112-57-6-12512

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 6, p 129 (USSR)

AUTHOR: Korneyev, I.

TITLE: Economical Method of TRD-50 Arc Transformer Connections
(Ekonomichnyy sposob vklyucheniya dugovogo transformatora TRD-50)

PERIODICAL: Kinomekhanik, 1956, Nr 2, p 36

ABSTRACT: Bibliographic entry.

Card 1/1

KORNEYEV, I.

They kept their word. Avt. transp. 37 no.12:7 D '59.
(MIRA 13:3)

1, Predsedatel' Novosibirskogo obkoma rabotnikov svyazi, rabochikh
avtomobil'nogo transporta i shosseynykh dorog.
(Highway transport workers)

KORNEYEV, I.A.

Compound therapy for frostbite by intra-arterial infusions of 1% novocaine solution [with summary in English]. Khirurgia 33 no.9: 30-38 S '57. (MIRA 11:6)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N.Burdenko (dir. - zaslushennyy deyatel' nauki prof. N.N.Yelanskiy) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(FROSTBITE, ther.

- procaine, intra-arterial infusion in complex ther. & surg.)

(PROCAINE, ther. use

frostbite, intra-arterial infusion in complex ther. & surg.)

KORNEYEV, I.A.

Roentgenological changes in the bones in frostbite. Voen.-med. zhur.
no.1:53-56 Ja '59. (MIRA 12:3)

(FROSTBITE, pathol.
bones, x-ray (Rus))

(BONE AND BONES, pathol.
in frostbite, x-ray (Rus))

KORNEYEV, I.A.

Table of corrections for centering and reduction for a first order
triangulation chains. Sbor.st.po geod.no.3:89-94 '53. (MIRA 9:6)
(Triangulation)

3 (4), 17 (6)

AUTHORS: Gubkina, A. P., Korneyev, I. A.

007/5-59-5-22/26

TITLE: Cases of Tick Encephalitis Can Be Prevented (Zabolevaniya kleshchevym entsefalitom mozjno predupredit')

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 5, pp 71-74 (USSR)

ABSTRACT: Tick encephalitis has been investigated for 20 years. It is an acute infectuous disease which mainly affects the central nervous system, and often results in disability and even in death. The tick encephalitis virus is transmitted to man mainly by pasturing animals. The incubation period is 7 to 21 days. After hibernation the ticks first appear in mid-April or mid-May (Primor'ye or high-mountain Taiga in the Soviet Far East). They are most active in the mornings and evenings. The majority of infections in men occur in May to June. In the paper under consideration measures for the prevention of the infection are indicated. The first measures were scientifically founded and developed in the USSR by Ye. N. Pavlovskiy, Academician. The best protection from ticks consists in special clothing. This clothing is described. Besides, everyone must, at intervals of 3-4 hours, examine himself as well as others. A description is given of what has

Card 1/2

Cases of Tick Encephalitis Can Be Prevented

SOV/6-59-5-22/26

to be done in the case of the tick having embedded itself in the skin, and of how to remove the tick. It is recommended to soak clothes in dimethyl phthalate, a procedure to be repeated every 5-7 days. For first aid, the medicine chest by Professor A. N. Shapoval is recommended. Animals, grass, and shrubs are to be treated with DDT and hexachlorane. - Team Nr 217 of the Dal'nevostochnoye AGP (Soviet Far East Aero-geodetic Enterprise) in 1958 took all measures for the control of the infection, and have succeeded in completely preventing the occurrence of tick encephalitis. The individual measures are indicated. There are 4 Soviet references.

Card 2/2

KORNEYEV, I.A.

Gastric tuberculosis and cancer. *Khirurgiia* 36 no.8:113-115
Ag '60. (MIRA 13:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N. Burdenko
(zav. - zaslushennyi deyatel' nauki prof. N.N. Yelanskiy) i Mos-
kovskogo ordena Lenina meditsinskogo instituta imeni I.M.
Sechenova.

(STOMACH—CANCER) (STOMACH—TUBERCULOSIS)

KORNEYEV, I.A.; ROSSINSKIY, M.K.

Provisional gabion with a metallic shell. Geod.i kart. no.8:58-60
Ag '61. (MIRA 14:10)

(Surveying)

KORNEYEV, I.A.

Raft as a means of crossing streams. Geod. 1 kart. no.9:
58-67 S '61. (Rafts) (MIRA 14:9)

... was obtained
among which 127.02 cwt were reaped up to 1 August.
--Ye.A. Okorokova

PA 7/49T41

~~USSR/Communications~~
Telegraph Equipment
Efficiency, Industrial

Aug 48

"Increase the Responsibility of Engineers in the Control of Breakdowns at Telegraph Stations," I. I. Korneyev, Chief, Eng Service for Trunk-Line Communications, Central Telegraph USSR, 1 p

"Vest Svyazi - Elektrosvyaz" No 8 (101)

Widespread notion that telegraph engineer's duties are limited to care, maintenance, and repair of apparatus. This should not be so; he should take interest in efficient operation of apparatus. Relates achievements of various engineers who appreciated this.

7/49T41

MATAYEV, G.A.; GARUNOV, G.A.; GAYDAROV, G.M.; KORNEYEV, I.I.

Simplified method for selecting additional load for lowering
deep well instruments into flowing wells. Nefteprom. delo no.3:
17-18 '64. (MIRA 17:5)

1. Dagestanskiy gosudarstvennyy universitet im. V.I.Lenina,
TSentral'naya nauchno-issledovatel'skaya laboratoriya i
Proyektnoye byuro ob" yedineniya "Dagneft".

KORN BYEV, I.N.

Inventors and efficiency promoters in the struggle for industrial
improvements. Tekst.prom. 18 no.4:46-48 Ap '58. (MIRA 11:4)
(Textile industry)

KORNEEV, I. P., Cand. of Vet. Sciences
"Biothermal neutralization of cattle manure."
SO: Vet. 25(5), 1948, p 28

AGUL'NIK, M.A., professor; KORBYN, I.P., detent; STRATONITASKAYA, G.A.

Microflora of pork brisket during the process of salting in 1954.
Veterinaria 32 no.3:78-79 Mr '55. (MLSA 8:4)

I.Moskovskiy tekhnologicheskiy institut myasov i mlechnoy promy-
shlennosti. (PORK--BACTERIOLOGY)

LIKHACHEV, N.V.; NAZAROV, V.P.; AGEYEV, L.S.; BORISOVICH, Yu.F.; LYUBASHENKO,
S.Ya.; KORNEYEV, I.P.; MALAKHOV, Yu.A.; YURKOV, G.G.

Book reviews and bibliography. Veterinaria 40 no.8:86-89 Ag '63.
(MIRA 17:10)

KORNEYEV, I. P.

4

SOV/16-60-4-44/47

17 (3), 30 (6)

AUTHOR: Maletov, N.A., Lyubshchik, S.Ya., Terent'yev, P.A., Teternik, D.M.,
Yelugin, V.I. and Korneyev, I.P.

TITLE: Professor Kh. Piznel'yev, On the Occasion of his Sixtieth Birthday.

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunologii, 1960, ³¹Nr 4, pp 146 (USSR)

ABSTRACT: This is a brief account of the life and career of Professor Kh. Piznel'yev, Corresponding member of the Akademiyu meditsinskikh nauk SSSR (Academy of Medical Sciences of the USSR) and a noted pharmacologist, biochemist and microbiologist. He is credited with the discovery of many new Soviet antibiotics.

Card 1/1

KOGAN, I.N.; PARLASHKEVICH, N.Yu.; VURZEL', F.B.; RUBINSHTEYN, V.V.;
KORNEYEV, I.Ya.; POTAPOV, B.A.; PLATONOVA, G.S.

Continuous control of viscosity in the production of liquid
bakelites. Plast.massy no.6:45-50 '62. (MIRA 15:6)
(Phenol condensation products) (Viscosity)

S/191/63/000/003/014/022
B101/B186

AUTHORS: Kogan, I. N., Korneyev, I. Ya.

TITLE: Automated control of viscosity during the production of glue resins. Continuous control

PERIODICAL: Plasticheskiye massy, no. 3, 1963, 45 - 50

TEXT: The method of measuring temperature and viscosity without having to take samples during the production of liquid phenol resins, as described in Plast. massy, no. 6, 45 (1962), was now applied in the continuous production of 268 glue resin. The latter is produced by dephenolation of phenol waste waters by adding reagents and NaOH as catalyst to the waste water and by condensation in a vessel. An 18 - 20% resin solution flows from the reaction vessel into the evaporating apparatus where it is concentrated to 40 - 50% at 50 - 60°C. Two nomograms, one with the viscosity as parameter and the other with the temperature as parameter, were plotted on the basis of the dependence $\eta(\xi, T) = \eta_N(\xi) \exp\{[U(\xi)/k] (1/T - 1/T_N)\}$, where $\eta(\xi, T)$ is the viscosity at arbitrary temperature T, ξ is an arbitrary parameter of production, $\eta_N(\xi)$ is the viscosity at 20°C, and U(ξ) is the activation

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B101/B186

Automated control of ...

energy of the viscous flow. At the cooler exit, temperature and viscosity were controlled continuously with an automatic $\text{BM4-60/T (VND-60/T)}$ viscosimeter. The viscosity scale is calibrated in 0 - 200 centipoise, since the specific gravity of the resin changes only slightly. The temperature scale covers the range from 10 to 30°C. Comparison of the apparatus with lab tests showed the mean deviation of viscosity to be < 4%. Based upon the continuous indications of the viscosimeter, the authors regulate the flow of resin into the evaporator by means of the nomogram. The method is applicable also for the production of other liquid resins. There are 9 figures.

KORNEYEV, K.A.; VONSYATSKIY, V.A.

Synthesis of N-phenyl-N',N',N",N"-diethylentriamide phosphoric acid labelled by P³². Ukr. khim. zhur. 24 no. 2:226-227 '58.
(MIRA 11:6)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

(Phosphorus--Isotopes)
(Phosphoramidate)

KORNEYEV, K.A. (Gor'kiy)

Construction of water conduit intakes and sewerage outlets for
buildings erected on macroporous, sagging soils. Vod. 1 san.
tekh. no.1:21-22 Ja '59. (MIRA 12:1)
(Water-supply engineering) (Sewerage)

UDYANSKIY, N.Ye., redaktor; PALIY, P.A., redaktor; KORNEEV, K.Ye., redaktor;
SVYATITSKAYA, I.P., redaktor; TROPINOV, A.V., tekhnicheskiy redaktor.

[Drill bits] Burovye delota. Moskva, Gos.nauchno-tekhn. izd-vo
neftianei i gorno-teplivnei lit-ry. 1955. 171 p. (MLBA 9:5)

1. Vsesoyuznoye soveshchaniye neftyanikov, Moscow, 1954.
(Boring machinery)

KORNEYEV, Konstantin Yefimovich; PALIY, Polikarp Avtonomovich;
ANDREYEV, A.V., red.

[Bore bits; a handbook] Burovye dolota; spravochnik. Izd.2.
Moskva, Nedra, 1965. 456 p. (MIRA 18:8)

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PHASE I BOOK EXPLOITATION

Korneyev, Konstantin Yefremovich and Paliy, Polikarp Avtonomovich

Burovyye dolota; spravochnik (Drill Bits; a Handbook) Moscow,
Gostoptekhizdat, 1958. 214 p. 5,000 copies printed.

Eds.: Kopytskiy, P. I. and Andreyev, A. V.; Executive Ed.:
Kovaleva, A. A.; Tech. Ed.: Mukhina, E. A.

PURPOSE: The handbook is intended for engineers and engineering technicians working in drilling or in machine building plants making drill bits, and also for scientific workers and designers of high-efficiency drill bits.

COVERAGE: The handbook provides technical data and describes the construction of lot-produced drill bits for well drilling and core drilling. Experimental drill bits are also discussed. Information on drill bits used in foreign oil industry is included. No personalities are mentioned. There are 17 references of which 16 are Soviet and 1 English.

KORNEYEV, L.A.

Measuring quartz parameters on meter waves. Nauch.dokl.vys.shkoly;
radiotekh. i elektron.no.1:150-161 ' 58. (MIRA 12:1)

1. Kafedra radioperedayushchikh ^{transmitter} ustroystv ^{devices} Moskovskogo
energeticheskogo instituta.
(Quartz--Measurement)

KORNEYEV, L.A.

Neutralized quartz oscillator. Nauch.dokl.vys.shkoly; radiotekh. i
elektron. no.2:99-113 ' 58. (MIRA 12:1)

1. Kafedra radioperedayushchikh ustroystv Moskovskogo energeticheskogo
instituta.

(Oscillators, Crystal)

KORNEYEV, L. A.

L. A. Korneyev, "Crystal Oscillator"

Authors' Certificates, Elektrosvyaz', 1958, No. 7, pp 77.